

L Number	Hits	Search Text	DB	Time stamp
17	32	(US-6383623-\$ or US-6235359-\$ or US-5770313-\$ or US-4902453-\$ or US-6013361-\$ or US-4861575-\$ or US-4714642-\$ or US-4781223-\$ or US-4073869-\$ or US-4374114-\$ or US-4056874-\$ or US-5981025-\$ or US-5368906-\$ or US-5038561-\$ or US-3314915-\$ or US-3656904-\$ or US-3656910-\$ or US-3723605-\$ or US-3656903-\$ or US-3607798-\$ or US-5821284-\$ or US-4492779-\$ or US-6399199-\$ or US-4504532-\$ or US-5368076-\$ or US-3699210-\$).did. or (US-4411880-\$ or US-6515081-\$).did. or (US-20020134484-\$ or US-20020189233-\$ or US-20020018847-\$ or US-20020007022-\$).did.	USPAT; US-PGPUB	2003/11/19 17:49
18	1	(US-3576769-\$).did.	USOCR	2003/11/19 17:49
19	16	((US-6383623-\$ or US-6235359-\$ or US-5770313-\$ or US-4902453-\$ or US-6013361-\$ or US-4861575-\$ or US-4714642-\$ or US-4781223-\$ or US-4073869-\$ or US-4374114-\$ or US-4056874-\$ or US-5981025-\$ or US-5368906-\$ or US-5038561-\$ or US-3314915-\$ or US-3656904-\$ or US-3656910-\$ or US-3723605-\$ or US-3656903-\$ or US-3607798-\$ or US-5821284-\$ or US-4492779-\$ or US-6399199-\$ or US-4504532-\$ or US-5368076-\$ or US-3699210-\$).did. or (US-4411880-\$ or US-6515081-\$).did. or (US-20020134484-\$ or US-20020189233-\$ or US-20020018847-\$ or US-20020007022-\$).did.) and denier	USPAT; US-PGPUB	2003/11/19 17:52
20	50	(ablative or rocket) and denier	USOCR	2003/11/19 17:52
-	41	ablative and aramid	USPAT; US-PGPUB	2003/07/21 08:41
-	390	ablative and nylon	USPAT; US-PGPUB	2003/01/30 14:07
-	18	ablative and polyaramid\$1	USPAT; US-PGPUB	2003/01/30 14:07
-	8	ablative and aramide	USPAT; US-PGPUB	2003/01/30 14:11
-	56	(ablative and aramid) or (ablative and polyaramid\$1) or (ablative and aramide)	USPAT; US-PGPUB	2003/01/30 14:11
-	9	((ablative and aramid) or (ablative and polyaramid\$1) or (ablative and aramide)) and carboniz\$5	USPAT; US-PGPUB	2003/01/30 14:19
-	74	ablative and kevlar	USPAT; US-PGPUB	2003/01/30 14:15
-	6	(ablative and kevlar) and carboniz\$5	USPAT; US-PGPUB	2003/01/30 14:15
-	221	rocket and (aramid\$1 or polyaramid\$1)	USPAT; US-PGPUB	2003/01/30 14:19
-	9	(rocket and (aramid\$1 or polyaramid\$1)) and carboniz\$5	USPAT; US-PGPUB	2003/01/30 14:19
-	6	((rocket and (aramid\$1 or polyaramid\$1)) and carboniz\$5) not (((ablative and aramid) or (ablative and polyaramid\$1) or (ablative and aramide)) and carboniz\$5)	USPAT; US-PGPUB	2003/01/30 14:19
-	38	ablative and aromatic adj polyamide	USPAT; US-PGPUB	2003/01/30 15:05
-	69	rocket and aromatic adj polyamide	USPAT; US-PGPUB	2003/01/30 15:03
-	24	((ablative and aromatic adj polyamide) or (rocket and aromatic adj polyamide)) and carboniz\$5	USPAT; US-PGPUB	2003/01/30 15:06
-	12	(ablative or rocket) and aromatic adj polyamide	USOCR	2003/01/30 15:05
-	298	graphitiz\$5 and (aramid\$1 or polyaramid\$1 or aromatic adj polyamide)	USPAT; US-PGPUB	2003/01/30 15:11

-	26	(graphitiz\$5 and (aramid\$1 or polyaramid\$1 or aromatic adj polyamide)) and (rocket or ablative)	USPAT; US-PGPUB	2003/01/30 15:11
-	6	((graphitiz\$5 and (aramid\$1 or polyaramid\$1 or aromatic adj polyamide)) and (rocket or ablative)) not (((ablative and aromatic adj polyamide) or (rocket and aromatic adj polyamide)) and carboniz\$5)	USPAT; US-PGPUB	2003/01/30 15:11
-	2	("4278584" "4345003").PN.	USPAT	2003/01/30 15:16
-	4	4504532.URPN.	USPAT	2003/01/30 15:17
-	6	((ablative or rocket) and aromatic adj polyamide) and carboniz\$5	USOCR	2003/01/30 15:18
-	108	viscose adj rayon and (aromatic adj polyamide or aramid\$1 or polyaramide)	USPAT; US-PGPUB	2003/02/05 10:48
-	11	(viscose adj rayon and (aromatic adj polyamide or aramid\$1 or polyaramide)) and carboniz\$5	USPAT; US-PGPUB	2003/02/05 09:08
-	26	viscose adj rayon and (aromatic adj polyamide or aramid\$1 or polyaramide).ab,clm,ti.	USPAT; US-PGPUB	2003/02/05 09:08
-	2450	rayon and (aromatic adj polyamide or aramid\$1 or polyaramide)	USPAT; US-PGPUB	2003/02/05 09:28
-	179	(rayon and (aromatic adj polyamide or aramid\$1 or polyaramide)) and carboniz\$5	USPAT; US-PGPUB	2003/02/05 09:09
-	168	((rayon and (aromatic adj polyamide or aramid\$1 or polyaramide)) and carboniz\$5) not ((viscose adj rayon and (aromatic adj polyamide or aramid\$1 or polyaramide)) and carboniz\$5)	USPAT; US-PGPUB	2003/02/05 09:26
-	2	carded and yarn-spun	USPAT; US-PGPUB	2003/02/05 09:27
-	538	felt and flock	USPAT; US-PGPUB	2003/02/05 09:27
-	19021	aromatic adj polyamide or aramid\$1 or polyaramide	USPAT; US-PGPUB	2003/02/05 10:53
-	23	(felt and flock) and (aromatic adj polyamide or aramid\$1 or polyaramide)	USPAT; US-PGPUB	2003/02/05 09:46
-	528	(ablative or rocket) and (felt or flock or carded or yarn-spun)	USPAT; US-PGPUB	2003/02/05 10:49
-	382	(rocket) and (felt or flock or carded or yarn-spun)	USPAT; US-PGPUB	2003/02/05 09:48
-	25	(rocket and ablative) and (felt or flock, or carded or yarn-spun)	USPAT; US-PGPUB	2003/02/05 09:49
-	5	(aromatic adj polyamide or aramid\$1 or polyaramide) and polyarylonitrile	USPAT; US-PGPUB	2003/02/05 10:50
-	985	(aromatic adj polyamide or aramid\$1 or polyaramide) and PAN	USPAT; US-PGPUB	2003/02/05 10:49
-	29	(ablative or rocket) and ((aromatic adj polyamide or aramid\$1 or polyaramide) and PAN)	USPAT; US-PGPUB	2003/02/05 10:51
-	1839	(aromatic adj polyamide or aramid\$1 or polyaramide) and polyacrylonitrile	USPAT; US-PGPUB	2003/02/05 10:51
-	36	(ablative or rocket) and ((aromatic adj polyamide or aramid\$1 or polyaramide) and polyacrylonitrile)	USPAT; US-PGPUB	2003/02/05 10:51
-	337	aromatic adj polyamide or aramid\$1 or polyaramide	USOCR	2003/02/05 10:53
-	20	(aromatic adj polyamide or aramid\$1 or polyaramide) and polyacrylonitrile	USOCR	2003/02/05 10:53
-	1357	(ablative or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)	USPAT; US-PGPUB	2003/07/21 11:32
-	299	((ablative or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and impregnat\$3	USPAT; US-PGPUB	2003/07/21 08:43
-	233	((ablative or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and impregnat\$3) and reinforc\$5	USPAT; US-PGPUB	2003/07/21 09:37

-	205	(((((ab ablative or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and impregnat\$3) and reinforc\$5) and (rocket or nose adj cone or exhaust)	USPAT; US-PGPUB	2003/07/21 09:37
-	197	(((((ab ablative or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and impregnat\$3) and reinforc\$5) and (rocket or nose adj cone or exhaust)) and (fiber or filament or mat)	USPAT; US-PGPUB	2003/07/21 08:46
-	37505	(aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or filament ot mat)	USPAT; US-PGPUB	2003/07/21 09:36
-	449	((ab ablative or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and ((aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or filament ot mat))	USPAT; US-PGPUB	2003/07/21 12:09
-	360	((ab ablative or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and ((aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or filament ot mat))) and (rocket or nose adj cone or exhaust)	USPAT; US-PGPUB	2003/07/21 09:37
-	244	((((ab ablative or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and ((aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or filament ot mat))) and (rocket or nose adj cone or exhaust)) and reinforc\$5	USPAT; US-PGPUB	2003/07/21 09:37
-	42	("3126306" "3177175" "3314915" "3347047" "3395035" "3397168" "3421970" "3449191" "3459701" "3472812" "3562304" "3875106" "3914513" "3969264" "3991004" "4064872" "4205035" "4369297" "4384016" "4394498" "4492779" "4495764" "4501503" "4507165" "4514541" "4515912" "4596619" "4600732" "4617371" "4624872" "4631328" "4637896" "4686135" "4696990" "4798849" "4861515" "4863367" "4864537" "4888127" "4956397" "5017304" "5038561").PN.	USPAT	2003/07/21 11:32
-	11	((("3126306" "3177175" "3314915" "3347047" "3395035" "3397168" "3421970" "3449191" "3459701" "3472812" "3562304" "3875106" "3914513" "3969264" "3991004" "4064872" "4205035" "4369297" "4384016" "4394498" "4492779" "4495764" "4501503" "4507165" "4514541" "4515912" "4596619" "4600732" "4617371" "4624872" "4631328" "4637896" "4686135" "4696990" "4798849" "4861515" "4863367" "4864537" "4888127" "4956397" "5017304" "5038561").PN.) and (aramid or nylon or aromatic adj polyamide or polyaramid) 5352312.URPN.	USPAT; US-PGPUB	2003/07/21 11:32
-	7	((ab ablative or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and ((aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or filament ot mat))) and impregnat\$3	USPAT	2003/07/21 11:51
-	187		USPAT; US-PGPUB	2003/07/21 12:09

	163	((ablate or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and ((aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or filament or mat))) and impregnat\$3) and reinforc\$5	USPAT; US-PGPUB	2003/07/21 13:12
	510	((ablate or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and insulat\$3	USPAT; US-PGPUB	2003/07/21 14:38
	202	((aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or filament or mat)) and ((ablate or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and insulat\$3)	USPAT; US-PGPUB	2003/07/21 13:25
	134	((aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or filament or mat)) and ((ablate or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and insulat\$3)) not (((((ablate or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and impregnat\$3) and reinforc\$5) and (rocket or nose adj cone or exhaust)) and (fiber or filament or mat))	USPAT; US-PGPUB	2003/07/21 14:35
	587	((ablate or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and (insulat\$3 with (rocket) or ablate))	USPAT; US-PGPUB	2003/07/21 14:43
	180	((aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or filament or mat)) and ((ablate or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and (insulat\$3 with (rocket) or ablate))	USPAT; US-PGPUB	2003/07/21 14:39
	135	((aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or filament or mat)) and ((ablate or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and (insulat\$3 with (rocket) or ablate)) not (((((ablate or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and impregnat\$3) and reinforc\$5) and (rocket or nose adj cone or exhaust)) and (fiber or filament or mat))	USPAT; US-PGPUB	2003/07/21 14:39
	84	((ablate or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and (insulat\$3 with (rocket)))	USPAT; US-PGPUB	2003/07/21 14:49
	10	("H001140" "3243956" "3269113" "3928965" "3990369" "4495764" "4501841" "4507165" "4632847" "5388399").PN.	USPAT	2003/07/21 14:45
	4	((4656095") or ("4595714") or ("4600732") or ("4956397")).PN.	USPAT; US-PGPUB	2003/07/21 14:54
	1	("4492779").PN.	USPAT; US-PGPUB	2003/07/21 14:54
	6	("3650102" "3723588" "4064359" "4246313" "4463465" "4473614").PN.	USPAT	2003/07/21 15:24
	18	((((ablate or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and ((aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or filament or mat))) and impregnat\$3) and reinforc\$5) not (((((ablate or rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and impregnat\$3) and reinforc\$5) and (rocket or nose adj cone or exhaust)) and (fiber or filament or mat))	USPAT; US-PGPUB	2003/07/21 15:27

-	16409	ablative or rocket	USPAT; US-PGPUB	2003/11/18 09:24
-	127	(ablative or rocket) and denier	USPAT; US-PGPUB	2003/11/18 09:42
-	1	("6383320").PN.	USPAT; US-PGPUB	2003/11/18 09:42